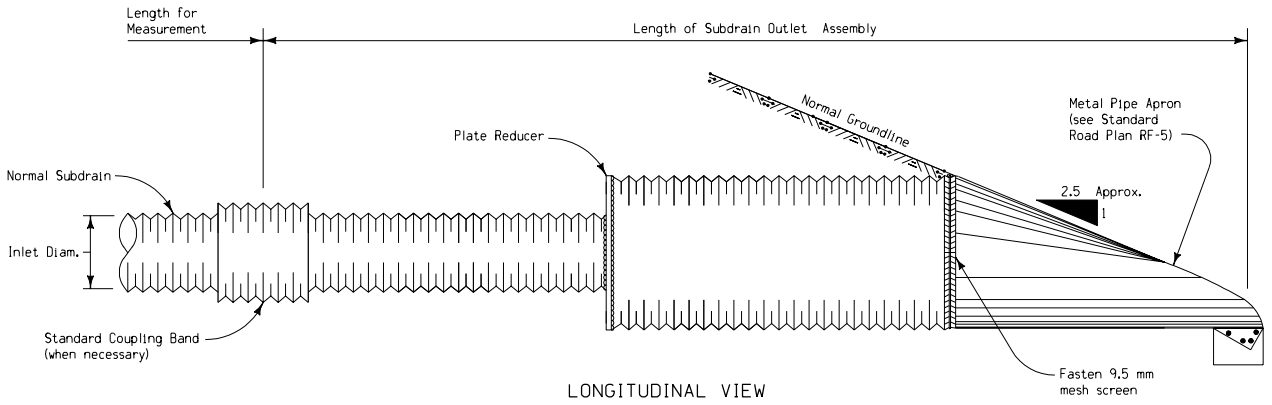
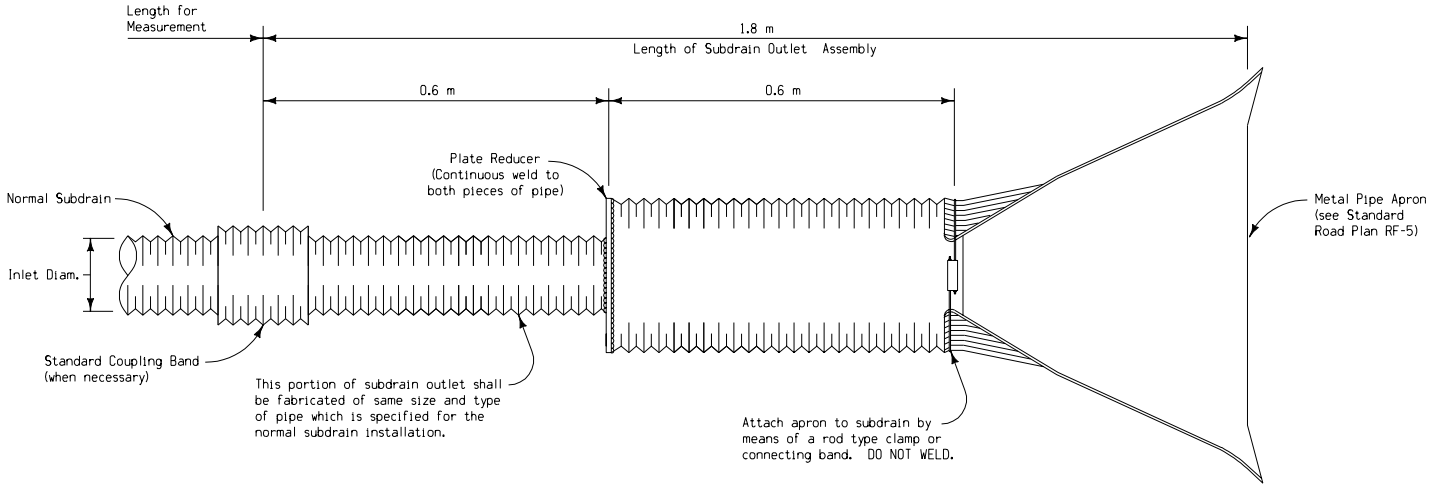


LONGITUDINAL VIEW



PLAN VIEW

GENERAL NOTES:

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

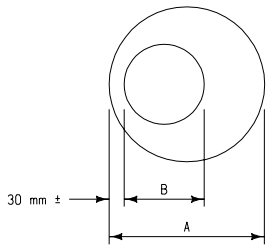
Each outlet end shall be covered with a removable 9.5 millimeter galvanized mesh cap fastened with four 50 millimeter cotter pins at the quarter points of the outlet pipe.

The material required for the complete "RF–22 Subdrain Outlet" assembly are: 300 millimeter metal pipe apron, 0.6 meters of corrugated metal pipe of the dimension specified in detail plans for subdrain, 0.6 meters of 300 millimeter corrugated metal pipe, one plate type reducer, and a 9.5 millimeter galvanized mesh cap with cotter pins.

The metal apron shall be similar to Standard Road Plan RF–5 (Dimension "Q" shall be considered 1200 millimeters for the purpose illustrated hereon).

The plate reducer shall be of minimum 2 millimeter galvanized flat stock of 300 millimeter nominal diameter fabricated as shown hereon.

The price bid for each "Subdrain Outlet, RF–22" shall be considered full compensation for fabrication and installation of the assembly, including all necessary connections. Refer to project plans. (tabulation of subdrain work) for details of individual installations.



Diameter of plate (Dimension A) and diameter of plate opening (Dimension B) shall be as necessary to provide for attachment to culvert pipes as indicated. Nominal diameter of inlet pipe is 150 millimeters. If necessary, plate may be rotated at time of installation to adjust flowline of apron.

All dimensions given in millimeters unless noted.

M

METRIC VERSION

Iowa Department of Transportation
Project Development Division

STANDARD ROAD PLAN **RF-22**

REVISION: Metric conversion of Standard Road Plan RF-22 no. 5 (dated 4-28-92).

REVISION NO. 5

David L. Ruth 03-10-95
APPROVED BY DESIGN METHODS ENGINEER

REVISION DATE 06-06-95

SUBDRAIN OUTLET
(METAL PIPE APRON)